

## Product datasheet for MR206286

### Foxq1 (NM\_008239) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Foxq1 (NM\_008239) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Foxq1  
**Synonyms:** HfH-1; Hfh1; Hfh1l; sa  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR206286 representing NM\_008239  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAAATTGGAGGTGTTCTGCCACGCGCAGCCACGGGGACAAAATGGGCAGCGATCTGGAGGGGGCCG  
 GCAGCAGCGACGTGCCATCTCCACTGTCCGCGGCTGGTGACGACTCCTTAGGCTCAGACGGGACTGTGC  
 AGCCAACAGCCCGCGCGGGCAGCGCGCCGGGATCTGGAAGGTGGCGGGCGAGAGGAATTCGAGT  
 GGCGGGCCGAGCGCCCAAGACGGTCCGGAGGCACTGATGACAGCAGAACGCAGGCCTCCGCGCAGGGC  
 CGTGCGCGGGCGCGTGGCGGGCGGAGGGCGCGCAGCAAGCCGTACACGCGGGCCCAAGCCCC  
 ATACTCTACATCGCTCTCATCGCCATGGCCATCCGCGACTCCGCGGGCGGACGCCTGACTGGCCGAG  
 ATCAACGAGTACCTCATGGGCAAGTTCCCTTTTTCCGGGGCAGCTACACGGGCTGGCGCAACTCCGTGC  
 GCCACAACCTCTCGCTCAACGACTGTTTCGTCAAGGTGCTGCGGACCCCTCGCGGCCCTGGGGCAAGGA  
 CAACTACTGGATGCTCAACCCCAACAGCGAATACACCTTCGCGGACGGGGTCTTCGCGCCGCCGCAAG  
 CGCCTCAGCCACCGGACCACAGTCTCCGCGTCCGGGCTGCGGCGGAGGAAGCCCCACCGGACCTGCCG  
 GGACCCCGCAGCCCGCGCCCGCCGCTCCTCCCGATCGCGCGCTCGCCGGCTCGCCAGGAGGAGCG  
 CTCCAGCCCTGCGAGCAAGTTCTCCAGTCTTCGCCATCGACAGCATTCTCAGCAAGCCTTTTCGCAGC  
 CGCCGCGAGCGGACTCGGCTCTGGGGTGCAGTACCCTGGGGCGCGCTCCCTGCCCGCGCTGCGCG  
 CCTATCCCGCTCCTTCCCGCGGCGCCGGTGGCGCTCTGCTACCGCTCTGTGCTTACGGCGCAAGCGA  
 GCCTACGCTGCTGGCGTGGCGGGACCGAGGTGCAGCCCGCGGCGCCCTTCTGCTGGCGCCCTCTCC  
 ACCGCGGCTCCAGCAAGCCATTCCGAGGTCCGGAGACCGCGCGCGGCGCACCTGACTGCCCTTAC  
 GGCTGCCACGGCCCTGCAGGGCAGCGGCTGCGGTCCCGGTCCGCACCTGTCTACCGGTGGAGAC  
 TCTGCTAGCT

**ACGCGT**ACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR206286 representing NM\_008239  
Red=Cloning site Green=Tags(s)

MKLEVFVPRAAHGDKMGSDLEGAGSSDVPSPLSAAGDDSLGSDGDCAANSPAAGSGAGDLEGGGGERNSS  
 GGPSAQDGPPEATDDSRTOASAAGPCAGGVGGEGARSKPYTRRPKPPYSYIALIAMAIRDSAGGRLTLAE  
 INEYLMGKFPFFRGSYTGWRNSVRHNLSLNDCFVKVLRDP SRPWGKDNWMLNPNSEYTFADGVFRRRRK  
 RLSHRTTVSASGLRPEEAPPGPAGTPQPAPAARSSPIARSPARQEERSSPASKFSSSFAIDSILSKPFRS  
 RRDGDSALGVQLPWGAAPCPPLRAYPALLPAAPGGALLPLCAYGASEPTLLASRGTEVQPAAPLLLAPLS  
 TAAPAKPFRGPETAGAAHLYCPLRLPTALQAAAACGPGPHLSYPVETLLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_008239

**ORF Size:** 1200 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_008239.4](#), [NP\\_032265.3](#)

**RefSeq Size:** 2046 bp

**RefSeq ORF:** 1203 bp

**Locus ID:** 15220

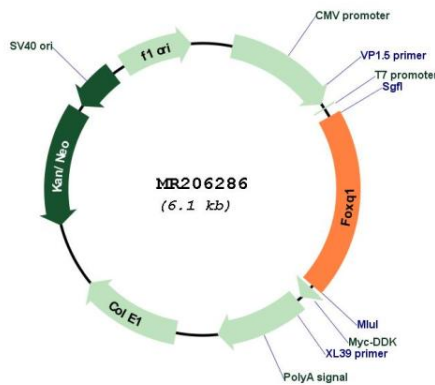
**UniProt ID:** [O70220](#)

**Cytogenetics:** 13 13.46 cM

**MW:** 41.8 kDa

**Gene Summary:** Plays a role in hair follicle differentiation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR206286